

## 21st Century Technologies for Neuromuscular Rehabilitation: EMG Biofeedback & EMG-Triggered Muscle Stimulation

The MyoTrac Infiniti NeuroPD has three functions:

- EMG Biofeedback
- Neuromuscular Electrical Stimulation
- EMG Triggered Muscle Stimulation (EMG+STIM)

While EMG biofeedback and NMES has been available for many years the new EMG Triggered Muscle Stimulation (EMG+STIM) technology is new and extremely promising.

In neuromuscular rehabilitation one of the greatest challenges is for the patient to learn or re-learn well coordinated movement patterns that result in functional change. In order for these changes to happen the patient must:

- Have repeated practice
- Use correct movement patterns and not compensatory patterns
- Be engaged in the training in order to affect brain mapping which leads to real functional progress

Advantages of the MyoTrac Infiniti NeuroPD:

- Contains training protocols specifically designed for neuro rehabilitation
- Easily custom programmed
- The patient learns correct activation of muscles leading to improved control and coordination
- Repeated practice in the convenience of the home
- The therapist can monitor progress with data obtained from the unit
- The amount of current needed to facilitate a muscle contraction is much lower than when using NMES thus not painful
- Patient gets immediate feedback about the quality of a movement
- Easy to use and motivating
- Children enjoy it because it is like a computer game
- All or part of the cost may be covered by health insurance



The MyoTrac Infiniti NeuroPD is FDA approved. A prescription is required to obtain this unit.

Advanced Muscle Stimulators, LLC is the sole distributor of the MyoTrac Infiniti NeuroPD



For more information please contact Advanced Muscle Stimulators, LLC:  
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